

PROJECT 10073 RECORD CARD

1. DATE 11 Oct 61	2. LOCATION Duluth, Minnesota	12. CONCLUSIONS	
3. DATE-TIME GROUP Local 1940 GMT 120140Z	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar	<input type="checkbox"/> Was Balloon <input checked="" type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft (P _E P _E L O _R) <input checked="" type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown	
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE Civilian		
7. LENGTH OF OBSERVATION 3-4 min	8. NUMBER OF OBJECTS 3	9. COURSE NE	
10. BRIEF SUMMARY OF SIGHTING Objs observed at terrific speed. Assumed orbital by observer except 3 to 5 times faster than Echo. Covered about 110° arc in 3 min. 1st objt 15 times size of 2 trailing objts. 1st objt yellowish; other 2 red tinit with apparent attachment to 1st objt.		11. COMMENTS Observation appears to be 1 of refueling mission. Quick time sector of lime soda (24,000-29,000). Speed, altitude, and duration of sighting conform to this analysis.	

ATIC FORM 329 (REV 26 SEP 52)

NATIONAL
AERONAUTICS
AND SPACE
ADMINISTRATION



IN REPLY REFER TO AB

NASA HEADQUARTERS
1520 H STREET NORTHWEST
WASHINGTON 25, D. C.
TELEPHONE: EXECUTIVE 3-3260 TWX: WA 755

November 14, 1961

Commander of the Air Tactical
Intelligence Center
Department of the Air Force
Wright-Patterson Air Force Base
Ohio

Subject: Unidentified Flying Object reported by Mrs. ██████████
██████████ of Duluth, Minnesota

Enclosures: (1) Letter from Mrs. ██████████ dtd. October 17, 1961
(2) Letter from NASA dtd. November 14, 1961

The enclosures are forwarded for your information and for
whatever action may be deemed appropriate.

James A. Hootman
James A. Hootman, Executive Secretary
Inventions and Contributions Board

Enclosures (2)
a/s

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RECEIVED

AB

November 14, 1961

Mrs. [REDACTED]
Duluth [REDACTED], Minnesota

Dear Mrs. [REDACTED]

This is in response to your letter of October 17 in which you report observation of what appeared to be three companion satellites orbiting the earth at a high speed, which you estimate as from three to five times that of the Echo I balloon.

As you may know, a number of similar observations have been reported for which there is no particularly satisfying explanation. For example, the New York Herald Tribune reported on September 1, 1960 the photographing of a mysterious reddish object sighted over Chicago and various East Coast areas by a tracking camera of the Grumman Aviation Engineering Corporation in Beth Page, Long Island. This occurrence is reported because Mr. Robert L. Johnson, Director of the Adler Planetarium in Chicago, and his assistant reported seeing that object and estimated that it was travelling about three times the speed of Echo I.

The National Aeronautics and Space Administration has neither the assignment nor the facilities to investigate such occurrences. We have therefore forwarded your letter to the Department of the Air Force which has the primary responsibility for investigating this type of phenomena. Your interest in reporting your observation is appreciated.

Very truly yours,

Original signed by
James A. Hootman

James A. Hootman, Executive Secretary
Inventions and Contributions Board

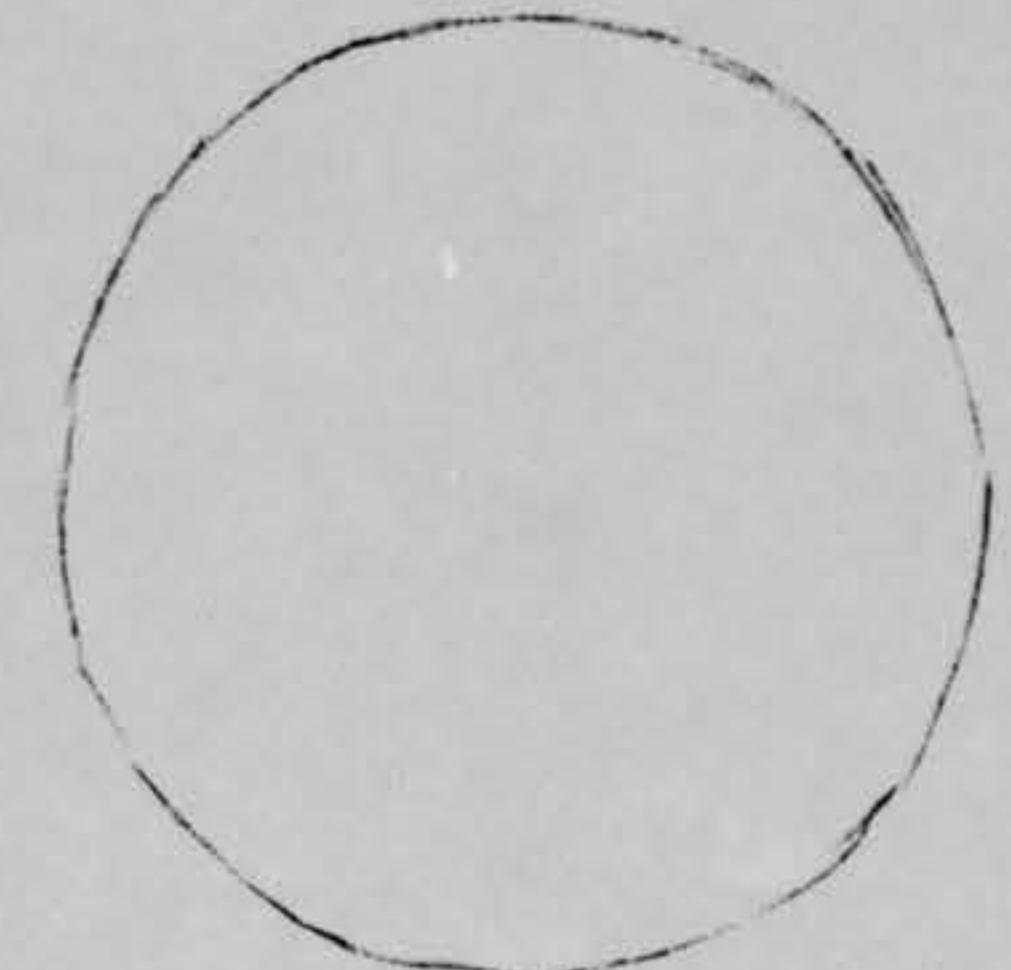
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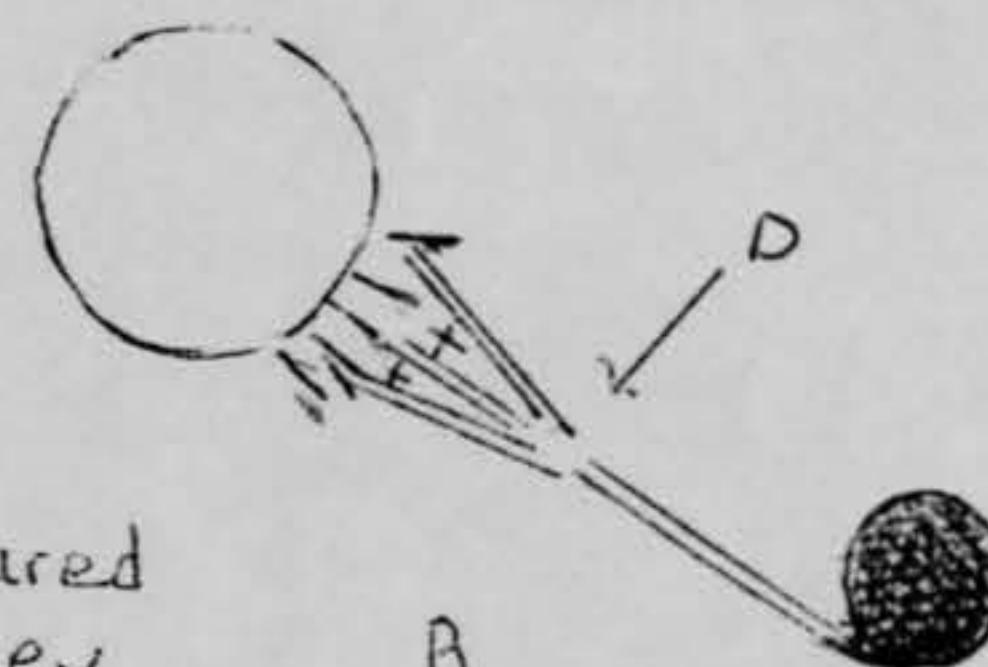
A

Objects viewed in horizon
on October 11, 1961 at 7:40-7:43 P.M. C.S.T.
in Duluth, Minnesota.

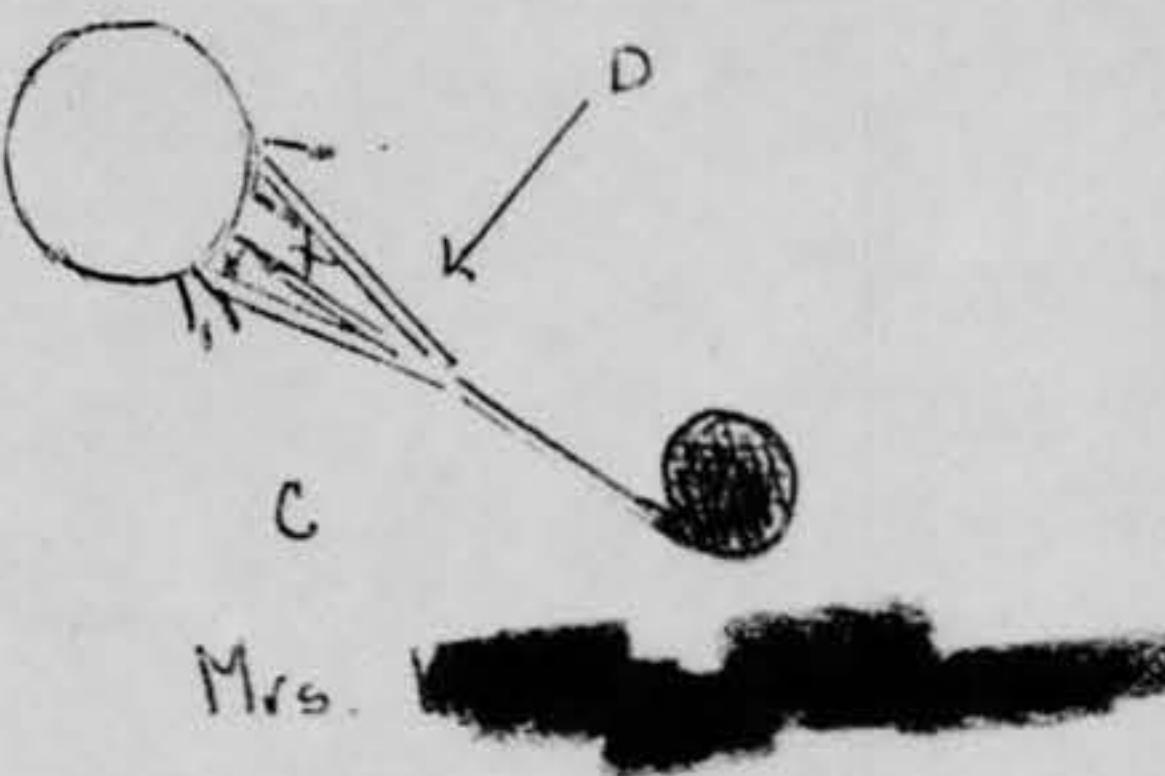
This has been drawn
diagonally to get them on
the page. They first appeared
like spheres, and then they
were like this for 15-20 seconds.
After that they appeared like
spheres again.

Sphere A was 15-20 times larger
than B or C when they were almost
directly overhead. B + C were the same
size then.

D seemed to be ducts.
sky was visible at
points marked *.



B



C

Mrs. [REDACTED]

This approximates
the proportion of the B+C projectiles